

## ABSTRACT

A flexible variable rate vocoder and related method of operation. The vocoder selects a target average data rate responsive to at least one network parameter and at least one external parameter.

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Category	Item	Value	Unit
Agriculture	Wheat	1000	kg
	Rice	500	kg
	Corn	200	kg
	Soybeans	150	kg
	Cotton	80	kg
	Vegetables	300	kg
	Fruits	120	kg
	Grains	400	kg
	Legumes	180	kg
	Others	60	kg
Livestock	Cattle	10	head
	Pigs	5	head
	Sheep	20	head
	Goats	15	head
	Poultry	100	head
	Birds	50	head
	Fish	30	kg
	Bees	5	hive
	Others	10	head
	Others	5	head